

SEQUENCE LISTING

<110> NOVARTIS AG
 VERES, GABOR
 PIPPIG, SUSANNE
 <120> selectable cell surface marker genes
 <130> 4-31192
 10 <150> us 60/166594
 <151> 1999-11-19
 <150> us 09/539248
 <151> 2000-03-30
 <160> 16
 <170> PatentIn version 3.

20 <210> 1
 <211> 3633
 <212> DNA
 <213> EGFR
 <400> 1
 atgcgaccct cggggacggc cggggcagcg ctcctggcgc tgctggctgc gctctgccc
 gcgagtcggg ctctggagga aaagaagtt tgccaaggca cgagtaacaa gctcacgcag 60
 ttggcactt ttgaagatca ttttctcagc ctccagagga tggtaataa ctgtgaggtg 120
 gtccttggga atttggaaat tacctatgtg cagaggaatt atgatcttc ctctttaag 180
 accatccagg aggtggctgg ttatgtcctc attgcctca acacagtgg a gcaattcct 240
 ttggaaaacc tgtagatcat cagaggaat atgtactacg aaaattccta tgcccttagca 300
 gtcttatcta actatgatgc aaataaaacc ggactgaagg agctgcccat gagaattta 360
 30 cagggaaatcc tgcattggcgc cgtgcgggtc agcaacaacc ctgcctgtg caacgtggag 420
 agcatccagt ggcgggacat agtcagcagt gactttctca gcaacatgtc gatggacttc 480
 cagaaccacc tggcagctg ccaaaggatgt gatccaagct gtcccaatgg gagctgctgg 540
 ggtgcaggag aggagaactg ccagaaaactg accaaaatca tctgtgcccc gcagtgcctc 600
 gggcgctgcc gtggcaagtc ccccaagtgc tgctgcccaca accagtgtgc tgcaggctgc 660
 acaggcccc gggagagcga ctgcctggc tgccgcaaat tccgagacga agccacgtgc 720
 aaggacacet gccccccact catgctctac aaccccacca cgtaccagat ggtatgtgaac 780
 cccgaggggca aatacagctt tggtgccacc tgctgtgaaga agtgtcccc taattatgtg 840
 gtgacagatc acggctcgtg cgtccgagcc tggggggccg acagctatga gatggaggaa 900
 gacggcgctcc gcaagtgtaa gaagtgcgaa gggcttgcc gcaaggatgtg taacggata 960
 40 ggtattggtg aattttaaaaga ctcactctcc ataaatgcta cgaatattaa acacttc当地 1020
 aactgcaccc ccatcagtgg cgatctccac atctgcccgg tggcatttag gggtaactcc 1080
 ttcacacata ctctctctt ggatccacag gaactggata ttctgaaaaac cgtaaaggaa 1140
 atcacagggt tttgctgtat tcaggcttgg cctgaaaaaca ggacggacct ccattgcctt 1200
 gagaacctag aaatcatacg cggcaggacc aagcaacatg gtcagtttc tcttgccatgc 1260
 gtcagcctga acataaacatc ttgggattt cgctccctca aggagataag tgatggagat 1320
 gtgataattt cagggaaacaa aaattttgtc tatgcaaata caataaaactg gaaaaaaactg 1380
 tttgggaccc cccgtcgaaaa aacccaaaatt ataagcaaca gaggtgaaaa cagctgcaag 1440
 gccacaggcc aggtctgcca tgccttgc tccccccgagg gctgctgggg cccggagccc 1500
 50 agggactgctg tctcttgccg gaatgtcagc cgaggcagg aatgcgttga caagtgc当地 1560
 cttctggagg gtgagccaa ggagtttg gagaactctg agtgcataca gtgc当地 1620
 gagtgccctgc ctcagggccat gaacatcacc tgccacaggac ggggaccaga caactgtatc 1680
 cagtgtgccc actacattga cggccccccac tgcgtcaaga cctgcccggc aggagtcatg 1740
 ggagaaaaaca acaccctggt ctggaaagtac gcagacgcgg gccatgtgtg ccacctgtgc 1800
 catccaaact gcacctacgg atgcactggg ccaggtcttg aaggctgtcc aacgaatggg 1860
 1920

	cctaagatcc cgtccatcg cactggatg gtggggccc tcctttgtc gctgggtgtg	1980
	gccctggga tcggctt catgcagg cgccacatcg ttccgaagcg cacgcgtcg	2040
	aggctgtgc aggagaggga gcttggag cctttcacac ccagtggaga agctcccaac	2100
	caagctctt tgaggatctt gaaggaaact gaattcaaaa agatcaaagt gctgggtctc	2160
	ggtcgttcg gcacgggtta taaggactc tggatcccag aagggtgagaa agttaaaaatt	2220
	cccgctgcta tcaaggaatt aagagaagca acatctccga aagccaaaca gaaaaatcctc	2280
	gatgaaggct acgtgatggc cagcgtggac aacccccacg tgtccgcct gctgggcac	2340
	tgcctcacct ccaccgtgca actcatcacg cagctcatgc cttcggtg ccttcgtgac	2400
	tatgtccggg aacacaaaaga caatattggc tcccaagtacc tgctcaactg gtgtgtcag	2460
10	atcgcaaagg gcatgaacta ctggaggac cgtcgcttgc tgcaccgcga cctggcagcc	2520
	aggaacgtac tggtaaaaac accgcagcat gtcaagatca cagattttgg gctggccaaa	2580
	ctgctgggtg cggaaagagaa agaataccat gcaaggagag gcaaaagtgc tatcaagtgg	2640
	atggcatgg aatcaatttt acacagaatc tataccacc agagtgtatgt ctggagactac	2700
	ggggtgaccg tttggagtt gatgacctt ggatccaagc catatgacgg aatccctgcc	2760
	agcgagatct cttccatctt ggagaaagga gaacgcctcc ctcagccacc catatgtacc	2820
	atcgatgtct acatgatcat ggtcaagtgc tggatgatag acgcagatag tcgcccgg	2880
	ttccgtgagt tgatcatgaa attctccaaa atggcccgag accccccagcg ctacettgtc	2940
	attcaggggg atgaaaagaat gcatttgcca agtcctacag actccaaactt ctaccgtgcc	3000
	ctgatggatg aagaagacat ggacgacgtg gtggatgccc acgagtacct catccacag	3060
20	cagggtcttc tcagcagccc ctccacgtca cggactcccc tcctgagctc tctgagtgc	3120
	accagcaaca attccaccgt ggcttgcatt gatagaaatg ggctgcaaag ctgtccccc	3180
	aaggaagaca gcttctgca gcgatacagc tcagacccca caggcgccctt gactgaggac	3240
	agcatagacg acacccctt cccagtgcct gaatacataa accagtccgt tcccaaaaagg	3300
	cccgctggct ctgtcagaa tcctgttat cacaatcagc ctctgaaccc cgcggccagc	3360
	agagaccac actaccagga ccccccacagc actgcagtgg gcaacccga gatatcaac	3420
	actgtccagc ccacctgtgt caacagcaca ttgcacagcc ctgcccactg ggcccagaaa	3480
	ggcagccacc aaatttagctt ggacaacccct gactaccagc aggacttctt tcccaaggaa	3540
	gccaagccaa atgcatctt taagggtctcc acagctgaaa atgcagaata cctaagggtc	3600
	gcccacaaa gcagtgaatt tattggagca tga	3633

30

	<210> 2	
	<211> 1210	
	<212> PRT	
	<213> EGFR	
	<400> 2	
	Met Arg Pro Ser Gly Thr Ala Gly Ala Ala Leu Leu Ala Leu Ala	
	1 5 10 15	
	Ala Leu Cys Pro Ala Ser Arg Ala Leu Glu Glu Lys Lys Val Cys Gln	
	20 25 30	
40	Gly Thr Ser Asn Lys Leu Thr Gln Leu Gly Thr Phe Glu Asp His Phe	
	35 40 45	
	Leu Ser Leu Gln Arg Met Phe Asn Asn Cys Glu Val Val Leu Gly Asn	
	50 55 60	
	Leu Glu Ile Thr Tyr Val Gln Arg Asn Tyr Asp Leu Ser Phe Leu Lys	
	65 70 75 80	
	Thr Ile Gln Glu Val Ala Gly Tyr Val Leu Ile Ala Leu Asn Thr Val	
	85 90 95	
	Glu Arg Ile Pro Leu Glu Asn Leu Gln Ile Ile Arg Gly Asn Met Tyr	
50	100 105 110	
	Tyr Glu Asn Ser Tyr Ala Leu Ala Val Leu Ser Asn Tyr Asp Ala Asn	
	115 120 125	
	Lys Thr Gly Leu Lys Glu Leu Pro Met Arg Asn Leu Gln Glu Ile Leu	
	130 135 140	